



Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 1256-00922	Appln. No.: 10/673,618
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hector F. DeLuca et al	
		Filing Date September 29, 2003	Group Art Unit

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SM		4,666,634	05-19-87	Miyamoto et al	260	397	
		5,086,191	02-04-92	DeLuca et al	552	653	
		5,237,110	08-17-93	DeLuca et al	568	665	
		5,246,925	09-21-93	DeLuca et al	514	167	
		5,536,713	07-16-96	DeLuca et al	514	167	
		5,587,497	12-24-96	DeLuca et al	552	653	
SM		5,945,410	08-31-99	DeLuca et al	514	167	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
SM		0184206	12-85	Europe			
		0078704	04-87	Europe			
		0387077	09-90	Europe			
		0474517	11-92	Europe			
		0480572	04-92	Europe			
		0516410	12-92	Europe			
		WO90/09991	09-90	PCT			
SM		WO96/01811	01-96	PCT			

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Chemical Abstracts, XP-002066055, Vol. 121, No. 21, November 21, 1994.
SM		Posner et al, "2-Fluoroalkyl A-Ring Analogs of 1,25-Dihydroxyvitamin D <sub>3</sub> -Stereocontrolled Total Synthesis via Intramolecular and Intermolecular Diels-Alder Cycloadditions. Preliminary Biological Testing", <i>Journal of Organic Chemistry</i> , 60, pp. 4617-4628, 1995.
SM		Slatopolsky et al, "A New Analog of Calcitriol, 19-Nor-1,25-(OH) <sub>2</sub> D <sub>2</sub> Suppresses Parathyroid Hormone Secretion in Uremic Rats in the Absence of Hypercalcemia", <i>American Journal of Kidney Disorders</i> , 26(5), 832-60, 1995.

*Sanhyth* 7/9/04



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871	Posner et al, "Stereocontrolled Synthesis of a Trihydroxylated A Ring as an Immediate Precursor to 1 $\alpha$ ,2 $\alpha$ ,25-Trihydroxyvitamin D <sub>3</sub> ", <i>Journal of Organic Chemistry</i> , 56, pp. 4339-4341, April 15, 1995.		
	Chemical Abstracts, "Chemistry of Synthetic High Polymers", Vol. 110, No. 10, Abstract 110: 82505v, March 6, 1989.		
	Okano et al, "Regulatory Activities of 2 $\beta$ -(3-Hydroxypropoxy)-1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> . A Novel Synthetic Vitamin D <sub>3</sub> Derivative on Calcium Metabolism", <i>Biochemical and Biophysical Research Communications</i> , Vol. 163, No. 3, pp. 1444-1449, September 29, 1989.		
	Bouillon et al, "Biological Activity of Dihydroxylated 19-Nor-(Pre)Vitamin D <sub>3</sub> ", <i>Bioactivity of 19-Nor-Pre D</i> , Vol. 8, No. 8, pp. 1009-1015, 1993.		
	Sarandeses et al, "Synthesis of 1 $\alpha$ ,25-Dihydroxy-19-Norprevitamin D <sub>3</sub> ", <i>tetrahedron Letters</i> , pp. 5445-5448, April 1992.		
	Perlman et al, "1 $\alpha$ ,25-Dihydroxy-19-Nor-Vitamin D <sub>3</sub> . A Novel Vitamin D-Related Compound with Potential Therapeutic Activity", <i>Tetrahedron Letters</i> , Vol. 31, No. 13, pp. 1823-1824, February 1990.		
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	Kiegiel et al, "Chemical Conversion of Vitamin D <sub>3</sub> to its 1,25-Dihydroxy Metabolite", <i>Tetrahedron Letters</i> , Vol. 31, No. 43, pp. 6057-60660, 1991.		
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871	Merck Manual, 16th Ed., 1992, page 1357.		
EXAMINER	<i>Sanchez</i>	DATE CONSIDERED	7/9/04
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to client.			